

TO: Ms. Lulu Yin

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#8



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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/813,153

DATE: 07/11/2002

TIME: 13:06:27

Input Set : N:\Crf3\RULE60\09813153.raw
Output Set: N:\CRF3\07112002\I813153.raw

pp 6/8

1 <110> APPLICANT: Rosen et al.
2 <120> TITLE OF INVENTION: 67 Human secreted proteins
3 <130> FILE REFERENCE: PZ023
4 <140> CURRENT APPLICATION NUMBER: 09/813,153
5 <141> CURRENT FILING DATE: 2001-03-21
6 <150> PRIOR APPLICATION NUMBER: US/09/363,044
7 <151> PRIOR FILING DATE: 1999-07-29
8 <150> PRIOR APPLICATION NUMBER: 60/073,160
9 <151> PRIOR FILING DATE: 1998-01-30
10 <150> PRIOR APPLICATION NUMBER: 60/073,159
11 <151> PRIOR FILING DATE: 1998-01-30
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21 <151> PRIOR FILING DATE: 1998-01-30
22 <150> PRIOR APPLICATION NUMBER: 60/073,170
23 <151> PRIOR FILING DATE: 1998-01-30
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25 <170> SOFTWARE: PatentIn Ver. 2.0
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29 <212> TYPE: DNA
30 <213> ORGANISM: Homo sapiens
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34 tctcccgac tcctgaggtc acatgcgtgg tggtgacgt aagccacgaa gaccctgagg 180
35 tcaagttcaa ctggtaacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
36 aggaggacta caacagcactg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
37 ggctgaatgg caaggagtag aagtgcagg tctccaacaa agccctccca accccatcg 360
38 agaaaaccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
39 catcccggaa tgagctgacc aagaaccagg tcagcctgac ctgcctggc aaaggcttct 480
40 atccaagcga catgcggctg gagtgggaga gcaatggca gccggagaac aactacaaga 540
41 ccacgcctcc cgtgctggac tccgacggct ccttcttcct ctacagcaag ctcacccgtgg 600
42 acaagagcag gtggcagcag gggAACGTCT tctcatgctc cgtgatgcat gaggctctgc 660
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 Output Set: N:\CRF3\07112002\I813153.raw

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49 <213> ORGANISM: Homo sapiens
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51 <221> NAME/KEY: Site
52 <222> LOCATION: (3)
53 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids
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80     gcccctaact ccgcccagtt ccggccatcc tccggcccat ggctgactaa ttttttttat        180
81     ttatgcagag gccgaggccg cctcggccctc tgagctattc cagaagtatgt gaggaggctt       240
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/813,153

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120     cagttccgcgc cattctccgc cccatggctg actaattttt ttatattatg cagaggccga
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136     gttgctttt cccagagtct gatggcagtg actgtgatca agggaatctt caccgcac
137     agtgcaggca gcagggtgtgg ttcaggccc ccccccacccc actgtgctcc tttgaagcca
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140     aatgttgggg atgcttaag cactaccgc cgaatccggg aactctgtt acagttgtcc
141     aaccacgaga atgaggctaa ctgtataaag catgggaccc aggtatggaa taaggaaagg
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155	ctgcctcagc accatggtgc gccaggccc gacggctcg cgccagatcc cgcccaactac	180
156	agggagcgag tcaaggccat gttctaccac gcctacgaca gctacctgga gaatgcctt	240
157	cccttcgtat agctgcgacc ttcacccgt gacggcacf acacctgggg cagttttct	300
158	ctgactctaa ttgatgcact ggacacctt ctgattttgg ggaatgtctc agaattccaa	360
159	agagtggttt aagtgcctca ggacagcggt gactttgata ttgatgtgaa cgcctctgt	420
160	tttggaaacaa acattcgagt ggttaggagga ctccgtctg ctcatctgt ctccaagaag	480
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163	gtgaacttac ttcatggcgt gaacccagga gagacccctg tcacctgtac ggcaggatt	660
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165	gatgtggcca gagtggctt gatgcgcctc tgggagagcc ggtcagat cgggctggc	780
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172	cctcaggat acacagtggaa gaagcgagag ggctacccwc ttccggccaga actyattgar	1200
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178	gaagctcacc ccatcgaccc tggccgcctg cactgtgtcc agaggctgaa ggaagagcag	1560
179	tgggagggtgg aggacttgtt gagggaattt tactctctca aacggagcag gtggaaattt	1620
180	cagaaaaaca ctgttagttc gggccatgg gaaacctccag caaggccagg aacactcttc	1680
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182	ctcagctgcc ccagtcaagc cttcacccctt aagttggcat tactggaca gttttccta	1800
183	gactcctcat aaccactggaa taatttttt atttttattt ttttgggtt aaactataat	1860
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196	attacttcag atgtttttaa aaagtatatt aagatgcattt ttcaactgtat tattttaaata	300
197	tctgttacag gtttccaaagg tgacttgaa cagatggct tatattacca aaacttttat	360
198	attcttagttt tttttgtact tttttgtat acaaggcga cgtttgtgt tccctgtcat	420
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206	gggcagggtt tcctgaaact gggttaattt tttatagaaa tgtgaacact gaatttattt	900
207	taaaaaataa taataaaaat taaaaaaaat taaaataaa aaaaaccaca gaaaacaact	960
208	ttacatgtat ataggcttg aagttagtga agtggctgt tttttttttt tttttttttt	1020
209	gctttttttt gctttttgtt gaagagattt agaatggatc tctaatacaaa aataaagttt	1080
210	tgttagtgggaa ccagaattt ctacctgac atccacccccc attccccctc atcctgctgg	1140
211	ggttggaaatg tccagacctg ctgtcgaggc cttgttgg ttagacaccc agtgcctcc	1200
212	tgcaaggacg caactgtgag ctgagggtgt agcctaggag cccaggaccc ctgacccgg	1260
213	ccgctgctgc cagcctcaga aaggcaccca ggtgtcagg ggagcacaca gggccggca	1320
214	gccccccagga atcaaggata ggcttaagggt tttcaccttta actgtgaagg caggaggaat	1380
215	aggtaactgc ttccctccgc ctttcacaga actgattctc acacactgtc cttcagtc	1440
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218	tcgggcctca cgacgggtgtt acctaagaaa gtctccctc ccacccccc ctagcctggt	1620
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220	gattataacctt gtttgggtt tagctttgtt tttaaacaag gaaataaact tgaaaattat	1740
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231	ttgttaggttgc caggggttgtt ggggcagagt ggggtttcgc cttgggggag catatgtggc	180
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234	tcgttagcccc agacacgtt tctcaatttgc agcacaatat ccattactat ttccctgact	360
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253	gaatttggtgc ataaggctgc ctccctgttat atggacagag tagctgtatg ttttggatgaa	180
254	tgcaacaacc agcttccagt ttactacacc tacaagactg tggttaatgc tgcttctgaa	240

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:25; N Pos. 910,912,958,1038
Seq#:26; N Pos. 15,27
Seq#:27; N Pos. 2,13,61,79,101
Seq#:28; N Pos. 1063,1067
Seq#:33; N Pos. 184,208
Seq#:34; N Pos. 9,1692
Seq#:36; N Pos. 13
Seq#:40; N Pos. 38
Seq#:42; N Pos. 770
Seq#:43; N Pos. 798,927,944,974,1035,1058
Seq#:47; N Pos. 488,536,539,548
Seq#:51; N Pos. 1874
Seq#:52; N Pos. 5,136
Seq#:53; N Pos. 502
Seq#:57; N Pos. 353,528
Seq#:58; N Pos. 1480
Seq#:67; N Pos. 76
Seq#:69; N Pos. 323,337
Seq#:75; N Pos. 136
Seq#:78; N Pos. 1212
Seq#:79; N Pos. 9,410
Seq#:81; Xaa Pos. 54
Seq#:82; Xaa Pos. 326,342,444
Seq#:83; Xaa Pos. 100
Seq#:84; Xaa Pos. 48
Seq#:85; Xaa Pos. 47
Seq#:86; Xaa Pos. 276
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Seq#:88; Xaa Pos. 95
Seq#:89; Xaa Pos. 313
Seq#:90; Xaa Pos. 80
Seq#:91; Xaa Pos. 47
Seq#:92; Xaa Pos. 106,129
Seq#:93; Xaa Pos. 71
Seq#:94; Xaa Pos. 48
Seq#:95; Xaa Pos. 57
Seq#:96; Xaa Pos. 73
Seq#:97; Xaa Pos. 60

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Seq#:102; Xaa Pos. 43
Seq#:103; Xaa Pos. 286,318
Seq#:104; Xaa Pos. 46
Seq#:105; Xaa Pos. 49
Seq#:106; Xaa Pos. 66
Seq#:107; Xaa Pos. 46
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Seq#:128; Xaa Pos. 188,211,295
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Seq#:131; Xaa Pos. 427
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Seq#:161; Xaa Pos. 37
Seq#:162; Xaa Pos. 7
Seq#:165; Xaa Pos. 6,56,67,113,130,137,139,211,222,224,227,280
Seq#:166; Xaa Pos. 6
Seq#:167; Xaa Pos. 12,23
Seq#:168; Xaa Pos. 27,44
Seq#:169; Xaa Pos. 5,7
Seq#:170; Xaa Pos. 38
Seq#:171; Xaa Pos. 5,7,10
Seq#:172; Xaa Pos. 20
Seq#:178; Xaa Pos. 309,341
Seq#:186; Xaa Pos. 2,34
Seq#:197; Xaa Pos. 236,324
Seq#:203; Xaa Pos. 13
Seq#:205; Xaa Pos. 9
Seq#:217; Xaa Pos. 56
Seq#:219; Xaa Pos. 9
Seq#:221; Xaa Pos. 84
Seq#:222; Xaa Pos. 118,176
Seq#:255; Xaa Pos. 185

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 32,33,34,35,36,37,38,39,40,41,42,43,44
Seq#:2; Line(s) 53
Seq#:3; Line(s) 63,64
Seq#:4; Line(s) 71
Seq#:5; Line(s) 78,79,80,81,82
Seq#:6; Line(s) 89
Seq#:7; Line(s) 96
Seq#:8; Line(s) 103
Seq#:9; Line(s) 110,111
Seq#:10; Line(s) 118,119,120,121,122
Seq#:11; Line(s) 129,130,131,132,133,134,135,136,137,138,139,140,141,142
Seq#:11; Line(s) 143,144,145,146
Seq#:12; Line(s) 153,154,155,156,157,158,159,160,161,162,163,164,165,166
Seq#:12; Line(s) 167,168,169,170,171,172,173,174,175,176,177,178,179,180
Seq#:12; Line(s) 181,182,183,184,185
Seq#:13; Line(s) 192,193,194,195,196,197,198,199,200,201,202,203,204,205
Seq#:13; Line(s) 206,207,208,209,210,211,212,213,214,215,216,217,218,219
Seq#:13; Line(s) 220,221,222